

IN THE SPECIFICATION

Please amend the portion of the specification indicated below to read as indicated herein:

Paragraph starting at page 7, line 5:

In figure 3 a similar optical setup 103 as shown in figures 1 and 2 is depicted, however here the modulation of the sample beam is realized by a periodic movement of the microchip below a fixed sample beam. Microchip scanning means 130 is arranged to periodically move the microchip is in the directions indicated by double arrow 131. As with the embodiment shown in figure 1, the movement of the microchip must be sufficient to move the sample beam from a first position in which the sample beam passes through the sample area 15 to a second position in which the sample beam no longer passed through the sample area.